NANDA MIN SHIN

Software Engineer

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ABOUT ME

A passionate software engineer with two years of hands-on experience in building scalable web applications and custom enterprise resource management system, including Personal Information System and ERP solutions. Proficient in full-stack development with React, Next.js, TypeScript, Laravel and Node.js. Enthusiastic about emerging technologies and actively exploring AI-powered application developments with strong understanding of software development best practices, database management, and delivering user-centric solutions in dynamic environments.

EDUCATION

UNIVERSITY OF COMPUTER STUDIES YANGON
Bachelor of Computer Science
2020 - 2021

NCC EDUCATION
Level 4 Diploma in Computing
2023 - 2024

Level 5 Diploma in Computing
2024 - 2025

SKILL

BACKEND
Node.js (Express, NestJS), PHP (Laravel), Python (Flask), C#, REST API, GraphQL, Jest, Socket.io

FRONTEND
React, Next.js, JavaScript, TypeScript, React Query, Tailwind, Bootstrap, JQuery

DATABASE
MySQL, MongoDB, PostgreSQL

TOOLS
Git, Docker, Linux, Postman, Vite, Axios, Xampp

WORK EXPERIENCE

SOFTWARE ENGINEER   2024–NOW
Findix Myanmar Co., Ltd - Yangon, Myanmar

- Developed and maintained a custom ERP-like resource management system and its functional sub-modules, streamlining internal operations for HR, inventory, and workflow processes.

- Played a key role in the design and development of an AI chatbot system, integrating React, Next.js Node.js, and Flask to create a responsive and intelligent conversational interface.

- Built and enhanced both backend and frontend components using a diverse tech stack, ensuring system scalability, maintainability and performance.

- Contributed to full-stack development efforts with a focus on Laravel and Express for API and business logic, and React, Tailwind and Bootstrap for interactive UI development.

- Performed software testing and debugging, and worked collaboratively in an Agile environment with regular code reviews and sprint planning.

Technologies and Tools – Laravel, jQuery, Bootstrap, MySQL, React.js, Node.js (Express.js), Tailwind CSS, MongoDB, Python, Flask, Git, Postman, Docker, Next.js, NestJS, Socket.io, RESTful API

HIGH SCHOOL SCIENCE TEACHER   2020–2024
Freelance

- Taught high school students in Physics and Chemistry, helping students improve exam performance and deepen understanding of scientific concepts.

- Designed engaging lesson plans, breaking down complex theories into simple, practical examples.

- Built strong communication and mentoring skills while managing diverse student needs.

LANGUAGES

Myanmar (Native)

English (Fluent)

HOBBIES

Teaching Science to High School students

Learning new technologies

Making memes

Singing

Visit my portfolio

Linkedin®

Find me on LinkedIn

Find me on Github

Find me on Instagram

PROJECTS

TRITIUM LEARNING PLATFORM   GitHub   Live Demo
Online learning platform

- Built a role-based learning management platform with Admin, Super Admin, and User roles.

- Implemented course management where admins can create courses and upload video lessons.

- Implemented super-admin feature to manage the whole platform

- Designed secure authentication and authorization using JWT and role-based access control.

- Delivered responsive frontend with React + Tailwind and optimized backend APIs with Express & MongoDB.

- Implemented Socket.io for real time communication between client and server

SEARCH POKÉMON   GitHub   Live Demo
Gaming and knowledge

- Developed a searchable Pokémon database using Next.js server-side rendering for fast performance.

- Integrated PokéAPI to fetch and display real-time Pokémon data including stats and images.

- Built a responsive UI with TypeScript + Tailwind for seamless experience across devices.

- Implemented search and filter functionality to enhance usability.

GEMINI CHAT BOT APP   GitHub   Live Demo
AI chat bot

- Developed an AI chat bot app with Next.js using Free API key provided by Google Gemini

- Implemented Google OAuth authentication to achieve Sign in with Google feature for smoother user experience

- Integrated with MongoDB for store conversation history of each user